

FORM PTO-1449  
(Rev. 3-82)U.S. DEPT. OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
249.303SERIAL NO.  
10/628,860INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Joseph S. Bieganeck and Thomas R. HetzelFILING DATE  
July 28, 2003GROUP  
3673

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>RL</i>	5 9 9 0 0	12/06/21	Marsh			
	D 1 6 9 3 6 6	04/21/53	Feldman			
	D 2 3 8 2 3 5	12/30/75	Elgebrandt			
	D 2 7 8 7 7 9	05/14/85	Sink			
	D 2 8 9 4 8 1	05/28/87	Reddick			
	D 3 1 6 9 2 3	08/06/91	Marsh			
	D 3 3 5 2 3 5	05/04/93	Hildreth			
	D 3 4 2 4 1 1	12/21/93	Graebe			
	1 7 4 2 1 8 3	01/07/30	Claus			
	1 9 6 1 6 4 1	06/05/34	Ollis			
	2 1 5 6 6 2 9	05/02/39	Hutchison			
	2 3 8 4 7 1 3	09/11/45	Varma			
	2 6 5 9 4 1 8	11/17/53	Berman			
	2 9 3 3 7 3 8	04/26/60	Whelan			
	3 1 5 8 8 7 8	12/01/64	Pernell			
	3 1 7 7 0 3 6	04/06/65	Halter			
	3 2 2 2 6 9 4	12/14/65	Schick			
	3 5 1 1 5 3 7	05/12/70	Ackermann			
	3 7 4 9 4 4 2	07/31/73	Berg et al.			
	3 9 8 7 5 0 7	10/26/76	Hall			
	4 1 3 2 2 2 8	01/02/79	Green			
	4 3 2 7 0 4 6	05/27/82	Davis et al.			
	4 3 4 7 2 1 3	08/31/82	Rogers, Jr.			
	4 5 2 2 4 4 7	06/11/85	Snyder et al.			
<i>✓</i>	4 5 6 7 8 8 7	02/04/86	Couch, Jr.			
<i>RL</i>	4 5 8 8 2 2 9	05/13/86	Jay			

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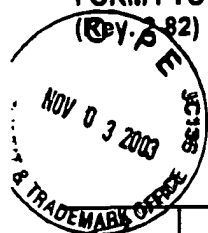
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	4	6	1	5	8	5	6	10/07/86	Silverman			
	4	6	4	3	4	8	1	02/17/87	Saloff et al.			
	4	6	8	2	8	1	8	07/28/87	Morell			
	4	7	2	6	6	2	4	02/23/88	Jay			
	4	7	5	3	4	8	0	06/28/88	Morell			
	4	8	2	4	1	7	4	04/25/89	Dunn, Sr.			
	4	8	4	2	3	3	0	06/27/89	Jay			
	4	8	8	9	3	8	7	12/26/89	Gregory			
	4	8	9	0	2	3	5	12/26/89	Reger et al.			
	4	9	1	2	7	8	8	04/03/90	Lonardo			
	4	9	5	1	3	3	4	08/28/90	Maier			
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	5	0	9	2	6	5	5	03/03/92	Deegener et al.			
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	5	1	8	9	7	4	7	03/02/93	Mundy et al.			
	5	1	9	3	2	8	5	03/16/93	Heinrich et al.			
	5	2	5	5	4	0	4	10/26/93	Dinsmoor, III et al.			
	5	2	8	2	2	8	6	02/01/94	MacLeish			
	5	2	8	8	1	3	5	02/22/94	Forcier et al.			
	5	2	9	4	1	8	1	03/15/94	Rose et al.			
	5	3	1	7	7	7	3	06/07/94	Graebe			
	5	3	3	3	9	2	1	08/02/94	Dinsmoor, III			
	5	3	4	3	8	7	6	09/06/94	Rogers			
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TR	5	3	9	0	3	8	4	02/21/95	Dinsmoor, III et al.			

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	5	3	9	5	1	6	2	03/07/95	Jay et al.				
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	5	4	4	2	8	2	3	08/22/95	Siekman et al.				
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	5	4	5	7	8	3	3	10/17/95	Jay				
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	5	4	7	0	5	9	0	11/28/95	Brubaker et al.				
	5	4	9	0	2	9	9	02/13/96	Dinsmoor, III et al.				
	5	5	1	3	8	9	9	05/07/96	Michaels et al.				
	5	5	2	2	1	0	6	06/04/96	Harrison et al.				
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	5	5	5	1	1	0	7	09/03/96	Graebe				
	5	5	5	1	7	5	6	09/03/96	Gurasich et al.				
	5	5	9	2	7	0	7	01/14/97	Dinsmoor, III et al.				
	5	6	1	3	2	5	6	03/25/97	Hanson				
	5	6	1	3	2	5	7	03/25/97	Graebe				
	5	6	7	1	9	7	7	09/30/97	Jay et al.				
	5	6	8	7	4	3	6	11/18/97	Denton				
	5	8	3	6	0	2	5	11/17/98	Poncy, Sr.				
	5	9	2	0	9	1	5	07/13/99	Bainbridge et al.				
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	6	0	3	2	3	0	0	03/07/00	Bainbridge et al.				
	6	0	5	5	6	7	6	05/02/00	Bainbridge et al.				
	6	0	8	2	8	2	4	07/04/00	Chow				
	6	1	6	1	2	3	8	12/19/00	Graebe				
	6	1	8	2	3	1	4	02/06/01	Frydman				
	6	2	4	1	3	2	0	06/05/01	Chew et al.				
	6	2	9	3	6	2	5	09/25/01	Dixon				
✓ 72	6	3	0	1	7	2	2	10/16/01	Nickerson et al.				

FORM PTO-1449  
 (REV. 2-92)

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TR		6	3	4	5	4	0	1	02/12/02	Frydman			
		6	3	5	7	0	5	4	03/19/02	Bainbridge et al.			
		6	4	5	3	4	7	7	09/24/02	Bainbridge et al.			
		6	5	0	2	2	6	3	01/07/03	Rowley et al.			
TR		6	6	1	1	9	8	0	09/02/03	Wempe			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANS-LATION	
													YES	NO
TR		2	0	1	6	9	1	8	10/03/79	United Kingdom				
TR		N*	7	6	8	1	6	3	1934	France				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER



DATE CONSIDERED

8/20/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
TR	5 1 8 0 6 1 9	01/19/93	Landi et al.			
	5 4 4 4 8 8 1	08/29/95	Landi et al.			
	5 4 9 6 6 1 0	03/05/96	Landi et al.			
	5 6 1 7 5 9 5	04/08/97	Landi et al.			
K	5 6 8 1 0 9 2	10/28/97	Hanson et al.			
TR	5 8 4 0 4 0 0	11/24/98	Landi et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRAN- SLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

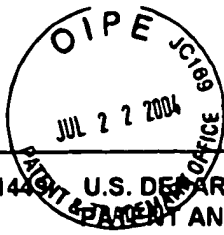

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## U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
TL	2 4 7 2 7 5 4	06/07/49	Mead			
I	4 7 5 6 0 9 0	07/12/88	Pedrow			
I	6 2 9 3 0 2 6	09/25/01	Lee et al.			
✓	6 4 9 3 9 5 8	12/17/02	Tadin			
TL	6 6 2 5 8 9 7	09/30/03	Tadin			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TL	Patent Application US 2001/00131146 A1, Wempe, Aug. 16, 2001
TL	Patent Application US 2003/0121103 A1, Wempe, July 3, 2003

EXAMINER <i>Lee</i>	DATE CONSIDERED <i>8/20/04</i>
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